

TAGATACCGCTSAAGACCTCCAGGGCGGGGACACCTGGCTTACTTTCTCTGCACTTTCTCTCTGCCCAAGGACACCTT 80  
 TAGCTTCATTTCTGATCGAACAGGCTCACTTGTGTTCTGTGTCAGTGGCACTAAGGAGGAGGCAATGCAGCAGAGAGGA 160  
 MetGlnGlnArgGly  
 LeuAlaIleValAlaLeuAlaValCysAlaAlaLeuHisAlaSerGluAlaIleLeuProIleAlaSerSerCysCysTh 240  
 CTCGGCATCTGGCTTTGGTCTCTCTGCTGGGCTTACATGCTTCAGAAAGCCATACCTTCCCATTTCCCTCCAGCTCTTGCAC  
 rGlyValSerHisHisIleSerArgArgLeuLeuGlnArgValAsnMetCysArgIleGlnArgAlaAspGlyAspCysA 320  
 GGAGGTTTCACATCATATTTCCAGAAAGGCTCTGGAAAGAGTGAATATGTGTGGCATCCAGAGAGCTGATGGGGATTCTG  
 spLeuAlaAlaValIleLeuHisValLysArgArgArgIleCysValSerProHisAsnHisThrValLysGlnTrpMet 400  
 ACTTGGCTGTGTCTATCTTCTATCTCAAGCCGAGAAAGAAATCTGTGTGAGGCCGACAAACCATCTTTAAGCAGTGGATG  
 LysValGlnAlaAlaLysLysAsnGlyLysGlyAsnValCysHisArgLysLysHisHisGlyLysArgAsnSerAsnAr 480  
 AAAATGCCAAAGCTGGCCAGAAAAATGCTAAAGGAAATGTTGGCCACAGGAAAGAAACACCATGGCCAGAGGAACAGTAACAG  
 gAlaHisGlnGlyLysHisIleThrTyrGlyHisLysThrProTyr 560  
 GGCAATCAAGGAAACAGCAAAACATACGGCCATAAACTCTTATTAGAGAGTCTACAGATAAACTCTACAGAGACAATT  
 CCTCAAGTGGACTTGGCATGATGGTTCTAAGTTTATCATCTCTAATTCTCTTATTGTAGACAAAGAGACAAACAAAA 640  
 TATTGGTTTTTAAAAAATGAACAAATTCTGGCTATGCCAAATGTAGCCAAATAATACTCAAACTCTGGGGCTCAAGCGAT 720  
 CCTCCCAAGCTTACCTCCCAAACTACTGGGATTATAGGTGTGAGCCACAGTGGCTGGGCTAATTATTTCTTGTGATCAA 800  
 ATTCAGGTTTAAATGTTTTTCTTAAAGAAATTTCTACGTGAATCTGTACTTATTTGTCTATTTAGAGTTCATAAATATT 880  
 AGGTTTATTTCTAAATAGAATAGTTTAACTAAATATAACTTCAAAACGTCTAGTTTGTAGTAGTACCGTTGTTTGA 960  
 TTGAATTTTCTGATACTGAAAGAACAAAAAGGCTGGCTTTCTGCTCAGAACCTTTTGGCTCCCGCAGTCAAGTTCTTGG 1040  
 AGCAGCACTAATTAAGGGCCAGAGTTGGGCTTCTCTGTGTGGTGAATTTACGCTCTGGCTAAACAGGAGGCTACATCTT 1120  
 TTAGCTCCTATTCCACCTCTCTCAGACGTTTTTGTGTTCTTGTGGTTCTTTTCTTTTGGAGACAGAGTCTCACTCTGTTGC 1200  
 CCAGGCTGGAGTGCAGTGGGACAAATCTCGCTCATTGCAACCTCCCTCCCGGCTTCAAGTGATTCTCTTGGCTCAAGCC 1280  
 TCCCAAGTAATGATATTACAGGCGCCAGGCCACCAACCCCGCTGATTTTGTATTTTGTAGAGAGCGGGGTTTTCC 1360  
 AGCTTGGCGGGGCTGGTCTCAAACTCTTCACTCAAGTGAACCCACCGCTGTGGCTCCCAAAGTGTGGGAATTACAGC 1440  
 GTGAGCCACATGCGGGGCTCACAGCTTTGAGTTGATACCAATTGTGCCATTCTCTTTTGGGCTCTTTTGTCCATAGA 1520  
 GGCTTCAAGATAGATAAGTAAGAGCCCACTAGTGTTCATAAGAAGCCAAAGAGAGCAGGAGCCACTTTATCAGGTGGCA 1600  
 GGTGTCCCGGGGCTCCCTCTGTGGCTAGTCCCAAGCGGTGGTCTTGGCAGGATGTCTTGGAGGTGATAATGGGACACACAG 1680  
 ASGCACTGAGTCTCCATAAGTTAAATGGCCACCAAACTGGCTTTGGCTAATATCCCTCATTGACTATTAGCATTTAA 1760  
 TTTATTTATTTTCTGACATTTCTGCAAGCTTTGTATTTATATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGA 1840  
 GGTAAATGACTTGGCCAGTCCACACAGGAAGTGGCAGAGCAAGCTTTTAAATAAGAAAAAATTAATAAAATATAATA 1920  
 TGAGAGTAACCTAAAAATTAATAAAACCAATTTTAAATTAATTAACCGTGATAACCAACATTAATAAAAGTTAAGATA 2000  
 CCAAAAAAAAAAAAAA

FIG. 1

MEC                   1  
 hTECK                MQQRG....L AIVALAVCAA LHASEA.ILP IASSCCTEVS HH.ISRRLLE  
 Exodus-1            ~~MKGPPTFC SLLLLSLLLS PDPTAAFLP PSTACCTQLY RKPLSDKLLR  
                       ~~MACGGKRL LFLALAWVLL AHLCSQAEAA SNYDCCLSYI QTPLPSRAI.

MEC                   51  
 hTECK                RVNMCRIQRA DGDCDLAAVI LHVKRR.RIC VSPHNHTVKQ WMKVQAAKKN  
 Exodus-1            KVIQVELQEA DGDCHLQAFV LHLAQR.SIC IHPQNPSLSQ WFEHQRKLLH  
                       .VGFTR.QMA DEACDINAI I FHTKKRKSVC ADPKQNWVKR AVNLLSLRVK

MEC                   101  
 hTECK                G...KGNVCH RKKHHGKRNS HRAHQGKHET YGHKPY  
 Exodus-1            GTLPKLNFGM LRKMG-----  
                       KM-----

FIG. 2